

## PRESS ARTICLE

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### **GEBO CERMEX LAUNCHES COBOACCESS\_PAL, AN INDUSTRIAL, SAFE AND EASY-TO-USE COBOTIC PALLETISING SOLUTION**



**Collaborative robotics advance production line efficiency and reliability by improving working conditions and allowing operators to handle tasks with higher added value in a safe working environment. It also minimises mistake rates due to high automation. Leveraging the advantages offered by cobotic solutions in terms of compactness and flexibility, Gebo Cermex is introducing CoboAccess™\_Pal. This robust cobotic palletiser is particularly suited for low-speed applications and underlines the company's commitment to help producers embrace Industry 4.0 opportunities.**

Today, collaborative robotics, or cobotics in short, is a popular topic in the automation and manufacturing world because of its obvious advantages: these new solutions are easy-to-install and -operate in tight production environments, since the collaborative mode is safe for human interactions and lets manufacturers build cells without physical fences around the machines.

Gebo Cermex, part of the Sidel Group, is an expert in palletising/depalletising solutions with more than 5000 machines installed around the world and more than ten years of experience in driving the implementation of collaborative robotics in end-of-line solutions. Designed to handle Regular Slotted Container (RSC) and wrap-around blanks and to complement low speed production lines, CoboAccess\_Pal embeds Gebo Cermex's high safety and industrial

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standards. This ultra-compact, fenceless palletising cell is designed to perfectly match the needs of very demanding production environments, where reliability is absolute key.

### **An extremely safe industrial solution**

Giorgio Rocca, Palletising/Depalletising Product Manager at Gebo Cermex, comments on the launch: “CoboAccess\_Pal is a reliable and robust solution thanks to an industrial automation platform based on the combination of PC and PLC<sup>1</sup>. These two interfaces ensure precise, better-controlled cobot trajectories, leading to greater pallet quality and stability, instrumental for smooth pallet transportation through the supply chain. Additionally, they allow for immediate restarting of the machine in case of potential problems or emergency stops, and as such, minimise downtime.”

This automation platform contributes to maximum operator protection and total care of products, as case handling is always performed above the conveyor or the pallet station, which ensures that cases never fall on the floor or on working staff. To minimise risks for operators, CoboAccess\_Pal’s gripping tool is composed of foam to soften its surfaces when in contact with workers and to prevent injuries during maintenance interventions.

Giorgio Rocca continues, “As the world becomes more automated and the number of companies working towards zero accidents standards rapidly increases, we are pleased to see that the extreme safety of our CoboAccess\_Pal has also been objectively certified<sup>2</sup>; all of that in addition to the equipment’s full compliance with European Machinery Directive 2006/42/EC.”

### **Connected and user-friendly technology for maximum uptime**

In addition to its high safety standards, CoboAccess\_Pal maximises uptime through connectivity and a high level of intelligence. The cobotic palletising cell includes the new Gebo Cermex user-friendly HMI based on an intuitive tablet approach navigation. Available via the HMI, the Pal Designer® configuration and simulation tool allows full pallet management with the possibility to modify, simulate and create pallet patterns autonomously, in less than two minutes. For enhanced maintainability, Standard Operating Procedure (SOP) and One Point Lesson (OPL)

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<sup>1</sup> Programmable Logic Controller

<sup>2</sup> Gebo Cermex CoboAccess\_Pal is certified by Apave.

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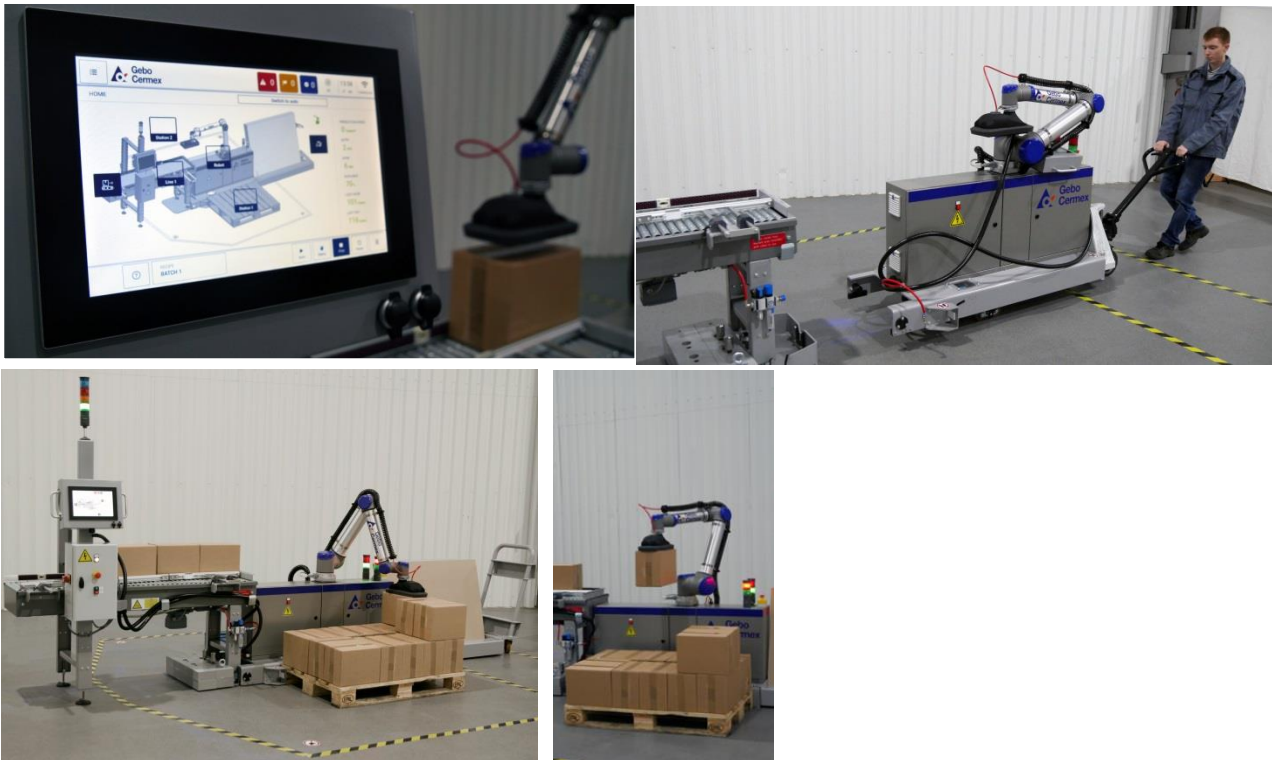
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functionalities are all accessible via the HMI to facilitate assistance for operators, trouble shooting and root cause analysis.

### Compact and mobile for greater production efficiency

Thanks to its ultra-compact, fenceless cell and the flexible layout that can be customised according to specific site constraints, the solution features an optimised footprint. Designed with ease-of-use, ease-of-installation, and ease-of-configuration in mind, CoboAccess\_Pal can be quickly implemented by the operator onto another line due to its unique Plug & Play features. The entire palletising cell is easily adaptable and portable, so that it can be moved from one line to another effortlessly<sup>3</sup> with a manual pallet jack, making the whole production installation even more automatic, flexible and – in the end – efficient.

More information on Gebo Cermex CoboAccess\_Pal: [gebocermex.com/coboaccess\\_pal](http://gebocermex.com/coboaccess_pal)



<sup>3</sup> Less than ten minutes are required for dismantling and reassembling.

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### About Gebo Cermex

Gebo Cermex works in partnership with Sidel as part of The Sidel Group. The Sidel Group is formed by the union of two strong brands, Sidel and Gebo Cermex. Together, we are a leading provider of equipment and services for packaging liquid, food, home and personal care products in PET, can, glass and other materials.

With over 37,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on advanced systems, line engineering and innovation. Our 5,000+ employees worldwide are passionate about providing complete solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we continuously **understand** our customers' challenges and commit to meeting their unique goals. We do this through dialogue, and by understanding the needs of their markets, production and value chains. We complement this by applying our strong technical knowledge and smart data analytics to support maximum lifetime productivity to its full potential.

We call it **Performance through Understanding**.

Find out more at <http://www.gebocermex.com> and connect with us



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